

-40-

ABSTRACT OF THE DISCLOSURE

Location of an object to be tracked is determined by measuring, at a receiver situated at the object, the propagation time differences between the
5 signals from a plurality of GPS satellites, each of which is received by the receiver situated at the object. The measured propagation time difference values are transmitted to a central station where the location of the object to be tracked is calculated
10 based upon the propagation time differences of the signals transmitted from the satellites and data derived from a receiver apart from the object but also receiving signals from the satellites.